

The Education, Training and Practice of the Certified Nurse-Midwife

Joint Legislative Oversight Committee on Health and
Human Services, Subcommittee on Midwives
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ECU College of Nursing A Healthcare Power House for North Carolina



East Carolina University

College of Nursing

Year	BSN	RN-BSN	MSN*	PhD	DNP
2007	495	83	413	23	
2008	508	116	482	27	
2009	510	106	485	30	
2010	499	115	511	29	
2011	510	126	534	28	
2012	508	165	568	30	
2013	518	203	551	29	21

*Includes PMNC

ECU College of Nursing

- Ranked top 5 online graduate nursing programs in the nation by the *US News and World Report* for 2014



Criteria

- Student engagement
- Faculty credentials and training
- Admission selectivity
- Student services and technology
- Program ratings by peer institutions

ECU College of Nursing

- Named Center of Excellence for 2011-2015 by the National League for Nursing



Criteria

- Creating environments that.....
- enhance student learning and professional development
- promote the pedagogical expertise of faculty
- advance the science of nursing education

ECU College of Nursing Advanced Practice RN



Define Certified Nurse-Midwife

- CNMs are educated in two disciplines:
 - nursing and midwifery
- They earn graduate degrees, complete a midwifery education program accredited by the Accreditation Commission for Midwifery Education (ACME)
- pass a national certification examination administered by the American Midwifery Certification Board (AMCB) to receive the professional designation of CNM.

Nurse-Midwifery Education Program at East Carolina University

- The ONLY nurse-midwifery education program located in North Carolina
- One of only 39 accredited programs in the nation
- Accreditation Commission for Midwifery Education (ACME)
 - Assures that standards of midwifery education are maintained
 - Competencies and skills are learned
 - Graduates are appropriately qualified



Class of 2013

Criteria for Admission to Nurse-Midwifery Education Program

- Registered nurse with experience in the field
- Minimum GPA of 3.0 in nursing
- Close review of transcripts
- Acceptable score on the GRE
- Three professional letters of reference
- Statement of purpose

Requirements for ECU Nurse-Midwifery Program

- Rigorous didactic curriculum
- Expert Preceptors (primarily CNMs, but include Nurse Practitioners, PAs, and Physicians)
- 3 P's plus Reproductive Physiology
(Physiology, Pharmacology, Physical Assessment)
- A specific course on patient safety and quality assurance of patient safety
- Maintenance of CPR and NRP certifications
- ALSO training
- Certification in Advanced Fetal Monitoring

ECU Nurse-Midwifery

Interviewing



Physical Exam





Interprofessional training



- Physicians
- Nurses
- Nurse-Midwives



- Developed by the American Academy of Family Physicians
- Interprofessional training to learn to effectively manage potential obstetrical emergencies
 - Shoulder dystocia
 - PP hemorrhage
 - Eclampsia
 - Breech delivery



Fundamentals in Midwifery Education

- Anatomy and physiology, including pathophysiology
- Normal growth and development
- Psychosocial, sexual, and behavioral development
- Basic epidemiology
- Nutrition
- Pharmacokinetics and pharmacotherapeutics
- Principles of individual and group health education
- Bioethics related to the care of women, newborns, and families
- Clinical genetics and genomics

ECU Nurse-Midwifery Microscopy Lab



ECU Nurse-Midwifery

Knot tying



Suturing



Requirement for ALL Nurse-Midwifery Programs

Taught to practice within a health care system that provides for consultation, collaboration or referral as indicated by the health status of the woman or newborn.

Distance Education

Theory



Clinical



Distance Education

- Choice – attend quality universities when a desired program is not offered in their area.
- Flexible – adjust schedule to allow learning at opportune times.
- Networking – allows students to connect with others from different areas.
- Quality Learning – allows for prestigious professors and guest speakers in field of study
- Effective – just as, if not more, effective than traditional classroom learning

The Virtual Classroom

The screenshot displays a Saba Meeting virtual classroom interface. The main presentation slide is titled "Top Performing Nations" and lists the following:

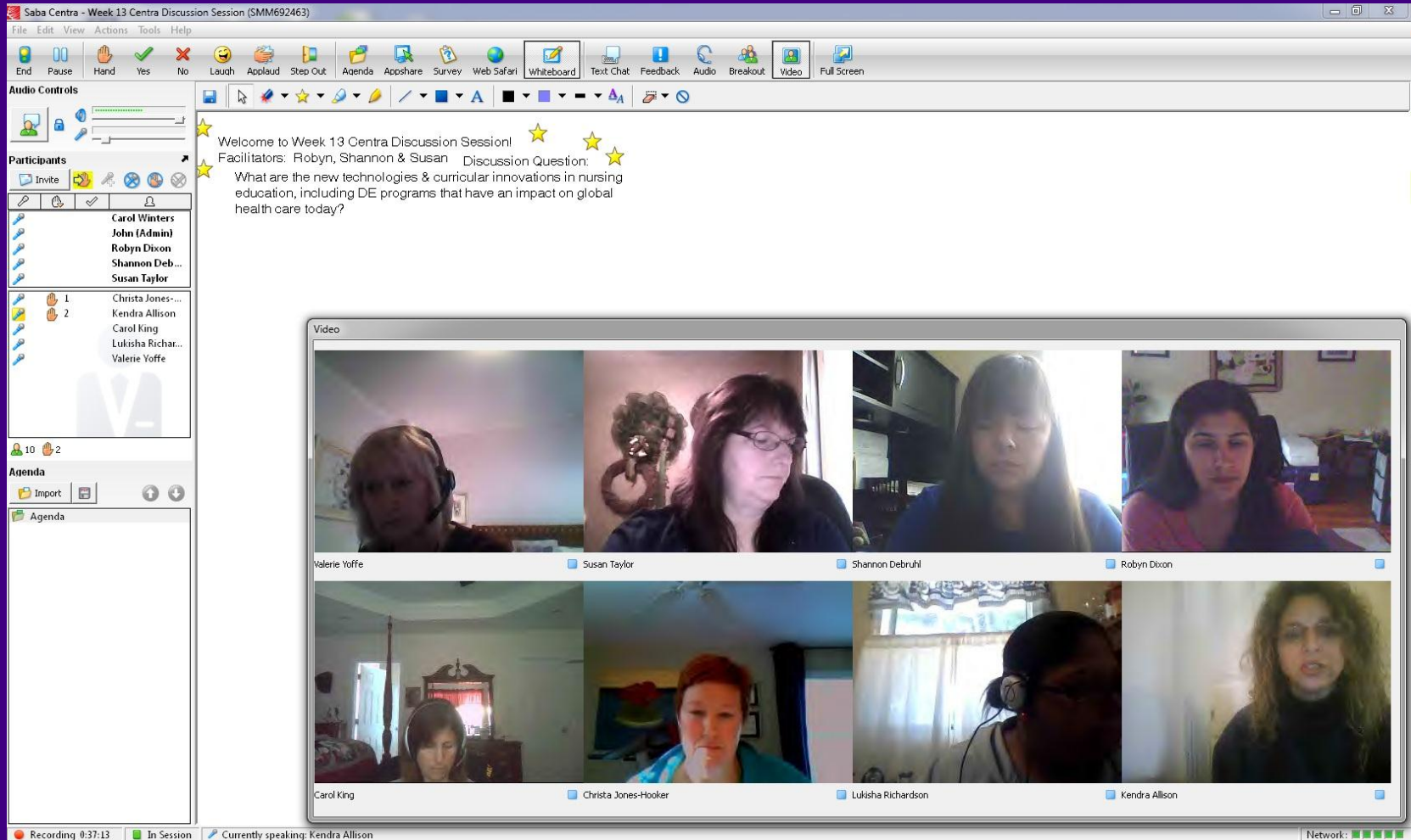
- Shanghai – Justin
- Finland - Ashley
- Japan - Matthew
- Singapore - Will
- Canada - Margaret
- How did they get there? – Anne & Jackie

On the left side, there is a list of attendees and a chat window. The attendees list includes:

- Charles Co...
- John *Admi...
- Marc Tucker
- Anne Ditlevson
- Ashley Farris
- Jacqueline W...
- Justin Wheelles
- Margaret Smith
- Matthew McS...
- William Davis

The chat window shows a conversation between Andrew Butler, Margaret Smith, and another participant. At the bottom, a row of video thumbnails shows the participants: Marc Tucker, Jacqueline Whitbeck, Ashley Farris, William Davis, Anne Ditlevson, Charles Coble, Matthew McSwain, and Justin Wheelles.

The Virtual Classroom



Distance Education

- *US News & World Report* – ECU has the largest DE program since 2004
- Current rankings assess quality over size
- Allows working nurses to advance education while remaining in the workforce
- Allows working nurses to remain in their hometowns. Many create jobs for themselves after graduation.

ECU Graduates' First Job in NC



Certified Nurse- Midwives....

Caring for
women
throughout
the lifespan!



CNM Employment Options

- Private Practices (full scope or ambulatory)
- Public Health Centers
- Hospitals
- Military
- Birthing Centers
- Home Birth Services

Certificate Maintenance Program

OPTION I

- Successfully complete 3 AMCB Modules during 5 yr cycle.
 - Antepartum and Primary Care of the Pregnant Woman
 - Intrapartum, Postpartum and Newborn
 - Gynecology and Primary Care for the Well-Woman

AND:

- Obtain 20 contact hours (2.0 CEUs) of ACNM or ACCME Category 1 approved continuing education units

OPTION II

- Take the current AMCB Certification Examination no sooner than the fourth (4th) year of the current five-year certification cycle.

AND:

- Obtain 20 contact hours and (2 CEUs) of ACNM or ACCME Category 1 approved continuing education activities

<http://www.amcbmidwife.org/certificate-maintenance-program/objectives>

Scope of Practice

Certified Nurse-Midwives provide a full range of primary care services for women from adolescence beyond menopause.

- provision of primary care
- gynecologic & family planning services
- preconception care
- care during pregnancy, childbirth, & PP
- care of normal newborn 1st 28 days of life
- Rx male partners for STIs

ACNM Division of Standards and Practice (2012)

Scope of Practice

Certified Nurse-Midwives provide initial and on-going comprehensive assessment, diagnosis and treatment.

- Conduct physical exams
- Prescribe medications
- Admit, manage, and discharge patients
- Order and interpret laboratory & diagnostic tests
- Order use of medical devices

Nurse-Midwifery care includes health promotion, disease prevention and individualized wellness education and counseling.

ACNM Division of Standards and Practice (2012)

Midwifery Standards of Care

ACNM Division of Standards and Practice (2011)

II. MIDWIFERY CARE OCCURS IN A SAFE ENVIRONMENT WITHIN THE CONTEXT OF THE FAMILY, COMMUNITY, AND A SYSTEM OF HEALTH CARE.

The midwife:

- Demonstrates knowledge of the medical, psychosocial, economic, cultural, and family factors that affect care.
- Demonstrates appropriate techniques for emergency management including arrangements for emergency transportation.

III. MIDWIFERY CARE SUPPORTS INDIVIDUAL RIGHTS AND SELF-DETERMINATION WITHIN BOUNDARIES OF SAFETY.

The midwife:

- Provides clients with a description of the scope of midwifery services and information regarding the client's rights and responsibilities.
- Provides clients with information regarding, and/or referral to, other providers and services when requested or when care required is not within the midwife's scope of practice.

V. MIDWIFERY CARE IS BASED UPON KNOWLEDGE, SKILLS, AND JUDGMENTS WHICH ARE REFLECTED IN WRITTEN PRACTICE GUIDELINES AND ARE USED TO GUIDE THE SCOPE OF MIDWIFERY CARE AND SERVICES PROVIDED TO CLIENTS.

The midwife:

- Maintains written documentation of the parameters of service for independent and collaborative midwifery management and transfer of care when needed.

VII. MIDWIFERY CARE IS EVALUATED ACCORDING TO AN ESTABLISHED PROGRAM FOR QUALITY MANAGEMENT THAT INCLUDES A PLAN TO IDENTIFY AND RESOLVE PROBLEMS

The midwife:

- Participates in a program of quality management for the evaluation of practice within the setting in which it occurs.
- Seeks consultation to review problems, including peer review of care.
- Acts to resolve problems identified.

VIII. MIDWIFERY PRACTICE MAY BE EXPANDED BEYOND THE ACNM CORE COMPETENCIES TO INCORPORATE NEW PROCEDURES THAT IMPROVE CARE FOR WOMEN AND THEIR FAMILIES

The midwife:

- Identifies a mechanism for obtaining medical consultation, collaboration, and referral related to this procedure.

Certified Nurse- Midwives....

Caring for
women
throughout
the lifespan!

